

FORM PTO-1390  
(REV. 10-2003)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

77792/46

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

**10/519573****TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371**

INTERNATIONAL APPLICATION NO

**PCT/JP2003/008029**

INTERNATIONAL FILING DATE

25 June 2003

PRIORITY DATE CLAIMED:

12 July 2002

TITLE OF INVENTION

**BATTERY STATE-OF-CHARGE ESTIMATOR**

APPLICANT(S) FOR DO/EO/US

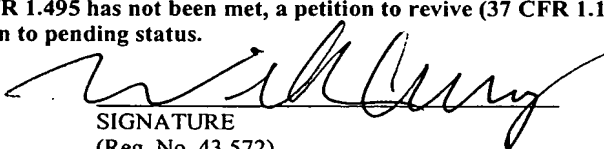
**MITSUI, Masahiko; NAKAYAMA, Yoshiyuki**

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☒ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☐ Other items or information: **Cover sheet of published PCT application, PCT Search Report; Response to Written Opinion and English translation thereof**

APPLICATION NO. (if known, see 37 CFR 1.5) <b>10/519573</b>		INTERNATIONAL APPLICATION NO PCT/JP2003/008029		ATTORNEY'S DOCKET NUMBER 77792/46	
21. The following fees are submitted:					
<input checked="" type="checkbox"/> a) Basic National Fee .....				\$ 300.00	\$ 300.00
<input checked="" type="checkbox"/> b) Examination Fee .....				\$ 200.00	\$ 200.00
<input checked="" type="checkbox"/> c) Search Fee .....				\$ 500.00	\$ 500.00
<b>TOTAL OF ABOVE CALCULATIONS</b>				<b>\$1000.00</b>	<b>\$1,000.00</b>
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing on computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)		RATE	
73	/50=0	0		x \$250	\$ -0-
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).					\$
CLAIMS		NUMBER FILED	NUMBER EXTRA	RATE	
Total Claims		19 -20	0	x \$50.00	\$ -0-
Independent Claims		4- 3 =	1	x \$200.00	\$ 200.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ \$360.00	\$ -0-
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$1,200.00</b>	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.					\$ -0-
<b>SUBTOTAL =</b>					<b>\$1,200.00</b>
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).					\$ -0-
<b>TOTAL NATIONAL FEE =</b>					<b>\$1,200.00</b>
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property					\$ 40.00
<b>TOTAL FEES ENCLOSED =</b>					<b>\$1,240.00</b>
					Amount to be refunded: \$
					Amount to be charged: \$
<p>a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.</p> <p>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>11-0600</u> in the amount of \$1,240.00 to over the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>11-0600</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.</p>					
<p><b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p>					
<p>SEND ALL CORRESPONDENCE TO:          KENYON &amp; KENYON          1500 K Street, N.W., Suite 700          Washington, DC 20005  <b>CUSTOMER NO. 23838</b></p>			<p style="text-align: center;">             SIGNATURE            (Reg. No. 43,572)            NAME William E. Curry            DATE: 30 December 2004         </p>		